



an Open Access Journal by MDPI

# Advanced RF, Microwave Engineering, and High-Power Microwave Sources

Guest Editors:

### Dr. Sohail Mumtaz

Electrical and Biological Physics, Kwangwoon University, Seoul 01897, Korea

#### Dr. Syed Muzahir Abbas

Electrical and Electronic Engineering, Macquarie University, Macquarie Park, NSW 2109, Australia

#### **Dr. Pradeep Lamichhane**

School of Engineering, Warwick University, Coventry CV4 7AL, UK

Deadline for manuscript submissions: closed (30 April 2024)

## Message from the Guest Editors

Dear Colleagues,

This Special Issue of the MDPI journal Electronics entitled "Advanced RF, Microwave engineering, and high-power microwave sources" invites innovative papers, with a particular emphasis on current advances in the analysis, design, implementation, designing, and measurement of RF and microwave circuits and sources. A wide range of studies based on RF. microwave. and wireless technologies, such RF transceivers, as power dividers/combiners, antennas, wireless power transfer, energy harvesting, high power microwave generation, particle-in-cell simulation, microwave mode analysis, RF plasma, pulsed power technologies, vacuum tubes, millimeter-waves, terahertz sources, and so on, are of interest of this issue. Authors are encouraged to submit both regular research articles and well-written review articles.



mdpi.com/si/138350







an Open Access Journal by MDPI

# **Editor-in-Chief**

### Prof. Dr. Flavio Canavero

Department of Electronics and Telecommunications, Politecnico di Torino, 10129 Torino, Italy

## Message from the Editor-in-Chief

*Electronics* is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

## **Author Benefits**

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions. **High Visibility:** indexed within Scopus, SCIE (Web of Science), CAPlus / SciFinder, Inspec, Ei Compendex and other databases. **Journal Rank:** JCR - Q2 (*Physics, Applied*) / CiteScore - Q2 (*Control and Systems Engineering*)

## **Contact Us**

*Electronics* Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/electronics electronics@mdpi.com  $\chi$ @electronicsMDPI